

## SUBJECT INDEX\*

<i>Abies lacanensis</i>	175	Dace, Black-nosed	399
<i>Amoebae</i>	724	Daudin	692
<i>Amphipod crustaceans</i>	187	Des Moines series	182
<i>Angulochrysis erratica</i>	463	Diorchis	382
<i>Anisonema orbiculatum</i>	469		
Ant, from Indiana	224	Eggs of <i>Eumeces fasciatus</i>	227
<i>Aproctella nuda</i>	390	<i>Endolimax leptocoridis</i>	724
<i>Arctostaphylos canescens complex</i>	617	<i>Endosporites angulatus</i>	184
<i>auriculata</i>	622	<i>ornatus</i>	184
<i>glutinosa</i>	620	<i>pellucidus</i>	184
<i>obispoensis</i>	621	<i>Entamoeba polypodia</i>	726
<i>silvicola</i>	624	<i>Entomostrebra, Cincinnati region</i>	635
<i>sonomensis</i>	624	<i>Eucrangonyx forbesi</i>	196
<i>Aristida basiramea</i>	633	<i>gracilis</i>	199
<i>Curtisii</i>	633	<i>obliquus</i>	195
<i>dichotoma major</i>	634	<i>shoemakeri</i>	198
<i>Batrurus brachycaudus</i>	201	<i>Eulimnadia antlei</i>	219
sp.	202	<i>Eumeces fasciatus</i>	227
<i>Bartram</i>	692		
Bear, skull	751	Filariod nematode	390
Birds, Minnesota	404	Flagellates, Woods Hole Area	463
<i>Biittacidae, North American</i>	257	Flora of Mount Shasta	497
Black Shale, Devonian	472	<aesthetic>, Mesilla Valley</aesthetic>	573
<i>Bodopsis platyformis</i>	470	Floral variations	448
<i>Boreus brumalis</i>	354	<i>Formica indianensis</i>	224
<i>Bosc</i>	707		
Box Elder Bug	724	<i>Gambusia affinis affinis</i>	393
Brachiopods, orthoid	482	<i>Gammarus acherondytes</i>	192
Bryophyte societies, corticolous	421	<i>fasciatus</i>	193
Bullfrog	733	<i>limnaeus</i>	191
<i>Callixylon, concretionary</i>	472	<i>troglophilus</i>	189
<i>Newberryi</i>	474	Gastropoda, terrestrial	731
<i>Cambarus compressus</i>	222		
Cedar Valley Limestone	482	<i>Heteromastix fissa</i>	466
<i>Chaetura pelagica</i>	390	<i>Hyalella azteca</i>	188
Chimney Swift	390	<i>Hyla ocularis</i>	706
<i>Chrysococcus cinctus</i>	466	Indexes	159, 571
<i>Cirratiradiles maculatus</i>	183	Isopoda, terrestrial	252
<i>minutus</i>	183	Jaw-Tag method	733
<i>micropapillatus</i>	184	Jumping Mouse	244
<i>Coluber erythrogaster</i>	713	Kentland, Indiana	493
<i>melanoleucus</i>	718		
<i>Conchostracan phyllopod</i>	219	Latreille	692
<i>Crangonyx onondagaensis</i>	202	Least Weasel	253
<i>spinosus</i>	203	Leptocoris trivittatus	724
<i>Craspedacusta</i> , in New Jersey	251	Linociera areolata	176
<i>Crocodilus mississippiensis</i>	718	Liverworts, W. Virginia	3
<i>Crustaceans, amphipod</i>	187		
<i>Cryptochrysis atlantica</i>	466		

\* Names of new genera, species, etc., indicated by italics.

Mecoptera	257, 354
Mesilla Valley, N. Mex.	573
Microfossils, plant	182
Miocene, Chesapeake Bay	746
Mosquito control	393
Mount Shasta, flora of	497
Mountain Lake, Virginia	421
Myxophyceae, Michigan	178
Nematode, filarioid	390
Neorenifer, <i>serpentis</i>	729
Nests of Eumeces fasciatus	227
Niphargus pellucens	194
Nomenclature, herpetological	692
Oak Forest, Louisiana	165
Ochromonas marina	464
Omphalina pilosryi globosa	732
Oochoristica	368
Ordovician rocks	493
Oxychilus pulchro-striatum	731
Penstemon	594
<i>Arenarii</i>	605
<i>arenarius</i>	605
<i>assurgens</i>	609
<i>concinus</i>	608
<i>cyananthus compactus</i>	615
<i>Deusti</i>	599
<i>deutus heterander</i>	603
<i>sudans</i>	600
<i>typicus</i>	600
<i>variabilis</i>	602
<i>Gairdneri</i>	596
<i>hians</i>	597
<i>oreganus</i>	596
<i>typicus</i>	597
<i>Gairdnerianii</i>	595
<i>lentus</i>	615
<i>albiflorus</i>	616
<i>nanus</i>	607
<i>papillatus</i>	606
<i>Pennellianus</i>	614
<i>seorsus</i>	595
<i>speciosus Kennedyi</i>	613
<i>lembhiensis</i>	612
<i>typicus</i>	612
<i>Tracyi</i>	603
<i>Watsonii laxus</i>	610
<i>Peranemopsis striata</i>	467
<i>Phaseolites desmoinesensis</i>	182
<i>minimus</i>	183
<i>Philoscia muscorum</i>	252
<i>Phyllocladus salinus</i>	470
Populations, Jumping Mouse	244
Population, pond Entomostraca	635
Rana catesbeiana	733
<i>clamitans</i>	712
<i>grunniens</i>	704
<i>Rhinichthys atratulus</i>	399
<i>Rhipidomella cuneata</i>	482
<i>Rhynchobodo agilis</i>	470
Ring growth	442
Salamandra alleganiensis	720
<i>rubra</i>	714
<i>Schizophoria iowensis</i>	483
<i>lata</i>	488
<i>laudoni</i>	489
<i>meeki</i>	490
<i>Selenia aurea</i>	455
<i>dissecta</i>	460
<i>grandis</i>	459
<i>Jonesii</i>	459
<i>mexicana</i>	458
<i>Siphonocetus priscus</i>	746
<i>Skull, fossil whale</i>	746
<i>Sonnini</i>	692
<i>Specularia perfoliata</i>	448
<i>Spruce-Fir association</i>	442
<i>Stellio undulatus</i>	712
<i>Stylochromonadales</i>	464
<i>Stylochromonas minuta</i>	464
<i>Synpleonia clantonii</i>	206
<i>hayi</i>	205
<i>pizzinii</i>	206
<i>Synurella bifurca</i>	204
Talitrus alluaudi	188
Testudo Bartramii	717
<i>centrata</i>	711
<i>odorata</i>	709
<i>polyphaenoides</i>	694
<i>reticularia</i>	710
<i>serrata</i>	717
Trees, Mexico	175
Trematode	729
<i>Triangulomonas rigida</i>	467
<i>Trichoniscus demissiro</i>	252
<i>Triquetrites</i>	184
<i>arculatus</i>	185
<i>deltoides</i>	185
<i>verrucosus</i>	185
Vaccinium, nomenclature	177
Vermilion, Lake	404
Vestigial claws, wings of birds	234
Water Moccasin	729
Weasel, Least	253
West Virginia	3
Whale, Cetotherean	746
Wings of birds	234
Zapus hudsonius hudsonius	244

Am  
Bar  
Blac  
Blic  
Cag  
Can  
Coe  
Col  
Coo  
Dai  
Fish  
Fos  
Goo  
Har  
Har  
Har  
Hat  
Hos  
Hov  
Hub  
Hub  
Hug  
Jones  
Just,  
Kaya

P. 2  
"c  
Co  
mu  
lae  
P. 4  
P. 4

## AUTHORS' INDEX

Ammons, Nelle .....	3	Keck, David D. ....	594
Barwick, Arthur .....	746	Lackey, James B. ....	463
Blair, W. Frank .....	244	Lundell, C. L. ....	175
Blickle, Arthur H. ....	472	Lyon, Marcus Ward, Jr. ....	253,
Cagle, Fred R. ....	227	Mackin, J. G. ....	187, 219
Camp, W. H. ....	177	MacMillan, Gordon K. ....	731
Coe, E. A. ....	182	Martin, Robert F. ....	455
Cole, A. C., Jr. ....	224	Muller, Cornelius H. ....	494
Cooke, Wm. Bridge .....	497	Pagan, F. M. ....	751
Cooper, Kenneth W. ....	354	Patterson, Paul M. ....	421
Dailey, Ervin F. ....	252	Penfound, William T. ....	165
Fisher, Harvey I. ....	234	Raney, Edward C. ....	399, 733
Fosberg, F. R. ....	573	Schmidt, Fred L. ....	729
Goodnight, Clarence J. ....	222	Schreiber, Beryl O. ....	617
Hamann, C. B. ....	390	Schultz, Richard L. ....	382
Hansen, Henry P. ....	442	Self, J. Teague ....	393
Harper, Francis ....	692	Setty, L. R. ....	257
Hatch, Melville H. ....	252	Shinners, L. H. ....	633
Hoskins, John H. ....	472	Shrock, Robert R. ....	493
Howard, Julian R. ....	165	Stainbrook, Merrill A. ....	482
Hubbard, W. Eugene ....	729	Trent, J. A. ....	448
Hubricht, Leslie ....	187	Velasquez, Gregorio T. ....	178
Hughes, R. Chester ....	368	Ward, Elizabeth B. ....	635
Jones, John C. ....	404	Wenninger, Francis Joseph ....	254
Just, Th. ....	253, 255-6, 496, 752	Wilson, L. R. ....	182
Kay, Maire Weir .....	724	Zeliff, C. Courson ....	251

## Errata Graviora

P. 254, lines 2-5 read:

"capra Biotic Formation (Biome), Aquatic Climax Communities, and Marine Biotic Communities. The omission of corresponding treatments of such large biotic communities as the deciduous forest, for example, should not surprise one in view of the lack of proper knowledge concerning them. An appendix (pp. 355-358) treats of"

P. 473, line 8, read: "Petrifications."

P. 496, line 9 from below read: "author" and "naive."